

U.S. APPLICATION NO.
(if known, see 37 CFR 1.5)
10/564,482

International Application No.	International Filing Date	Priority Date Claimed
PCT/JP2004/010422	July 15, 2004	July 15, 2003

Title of InventionPRODUCTION METHOD OF Ge-ADDED Nb₃Al-BASED SUPERCONDUCTING WIREApplicant(s) For DO/EO/US
Nobuya BANNO et al.

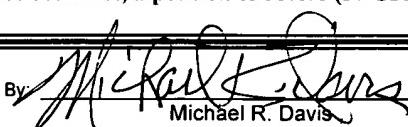
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. §371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. §371.
3. This express request to begin national examination procedures (35 U.S.C. §371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. §371(b) and PCT Articles 22 and 39(1).
4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. A copy of the International Application as filed (35 U.S.C. §371(c)(2))
 - a. is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. has been transmitted by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US)
6. A translation of the International Application into English (35 U.S.C. §371(c)(2)).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3)).
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. A translation of the amendments to the claims under PCT Article 19.
9. An oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)).
10. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)).

Items 11. to 14. below concern other document(s) or information included:

11. A Supplemental Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A **FIRST** preliminary amendment.
 - A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. Other items or information:

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEE FOR THIS FAPER TO DEPOSIT
ACCOUNT NO. 23-0975.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/564,482	INTERNATIONAL APPLICATION NO. PCT/JP2004/010422	ATTORNEY'S DOCKET NO. 2006-0022A																			
15. <input type="checkbox"/> The following fees are submitted		CALCULATIONS PTO USE ONLY																			
Basic National Stage Fee \$300.00 National Stage Search Fee \$500.00 National Stage Examination Fee \$200.00 Specification/drawings in excess of 100 pages (units of 50 x \$250.00) = \$ ENTER APPROPRIATE BASIC FEE AMOUNT = \$ Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$ <table border="1"> <thead> <tr> <th>Claims</th> <th>Number Filed</th> <th>Number Extra</th> <th>Rate</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>- 20 =</td> <td></td> <td>X \$50.00</td> </tr> <tr> <td>Independent Claims</td> <td>- 3 =</td> <td></td> <td>X \$200.00</td> </tr> <tr> <td colspan="3">Multiple dependent claim(s) (if applicable)</td> <td>+ \$360.00</td> </tr> </tbody> </table> TOTAL OF ABOVE CALCULATIONS = \$ <input type="checkbox"/> Small Entity Status is hereby asserted. Above fees are reduced by 1/2. \$ SUBTOTAL = \$ Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). + \$ TOTAL NATIONAL FEE = \$ Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ TOTAL FEES ENCLOSED = \$ <table border="1"> <tr> <td>Amount to be refunded</td> <td>\$</td> </tr> <tr> <td>Amount to be charged</td> <td>\$</td> </tr> </table>		Claims	Number Filed	Number Extra	Rate	Total Claims	- 20 =		X \$50.00	Independent Claims	- 3 =		X \$200.00	Multiple dependent claim(s) (if applicable)			+ \$360.00	Amount to be refunded	\$	Amount to be charged	\$
Claims	Number Filed	Number Extra	Rate																		
Total Claims	- 20 =		X \$50.00																		
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Amount to be refunded	\$																				
Amount to be charged	\$																				
a. <input type="checkbox"/> A check in the amount of \$ to cover the above fees is enclosed. A duplicate copy of this form is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 23-0975 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-0975</u> .																					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.																					
19. CORRESPONDENCE ADDRESS CUSTOMER NO. 000513		By  Michael R. Davis Registration No. 25,134 WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone: (202) 721-8200 Fax: (202) 721-8250 March 8, 2006																			

[CHECK NO. _____]
[2006-0022A]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Nobuya BANNO et al. : **Mail Stop: PCT**
Serial No. 10/564,482 : Attorney Docket No. 2006-0022A
Filed January 13, 2006 :

PRODUCTION METHOD OF Ge-ADDED
Nb₃Al-BASED SUPERCONDUCTING WIRE
[Corresponding to PCT/JP2004/010422
Filed July 15, 2004]

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEE FOR THIS FILING TO DEPOSIT
ACCOUNT NO. 23-0975.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the reference listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of the reference listed on the Form PTO-1449 is enclosed.

- 1a. [X] This Information Disclosure Statement is submitted:
within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or
before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,
and thus no certification and/or fee is required.

1b. This Information Disclosure Statement is submitted
after the events of above paragraph 1a and prior to the mailing date of a final Office
Action or a Notice of Allowance or an action which otherwise closes prosecution in the
application, and thus:

- (1) the certification of paragraph 2 below is provided, **or**
- (2) the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. This Information Disclosure Statement is submitted:
after the mailing date of a final Office Action or Notice of Allowance or action which
otherwise closes prosecution in the application, and prior to payment of the issue fee, and
thus:

the certification of paragraph 2 below is provided, and
the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified
 - a. that each item of information contained in this Information Disclosure Statement
was first cited in any communication from a foreign patent office in a counterpart
foreign application not more than three months prior to the filing of the
Statement, or
 - b. that no item of information contained in the Information Disclosure Statement
was cited in a communication from a foreign patent office in a counterpart
foreign application and, to the knowledge of the person signing the certification
after making reasonable inquiry, was known to any individual designated in
§1.56(c) more than three months prior to the filing of the Statement.
3. Consideration of the following list of additional information (including any copending or
abandoned U.S. application, prior uses and/or sales, etc.) is requested.

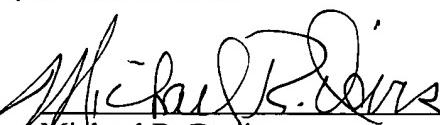
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
 - a. [] a full or partial English language translation submitted herewith,
 - b. [] a foreign patent office search report (in the English language) submitted herewith,
 - c. [] the concise explanation contained in the specification of the present application at page,
 - d. [] the concise explanation set forth in the attached English language abstract,
 - e. [] the concise explanation set forth below or on a separate sheet attached to the reference:
5. [] A foreign patent office search report citing one or more of the references is enclosed.
6. [X] Comments:

The attached reference is an article corresponding to the present invention, which was published between the filing dates of Applicants' Japanese priority application and the International application on which the present U.S. application is based.

Respectfully submitted,

Nobuya BANNO et al.

By:


Michael R. Davis
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Attorney for Applicants

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March 8, 2006

INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (*modified*)ATTY DOCKET NO.
2006-0022ASERIAL NO.
10/564,482U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEAPPLICANT
Nobuya BANNO et al.LIST OF REFERENCES CITED BY APPLICANT(S)
(*Use several sheets if necessary*)FILING DATE
January 13, 2006

Date Submitted to PTO: March 8, 2006

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ						
	AK						
	AL						
	AM						
	AN						

OTHER DOCUMENT(S) (*Including Author, Title, Date, Pertinent Pages, Etc.*)

	AO	Nobuya Banno et al., "Superconducting Property of Nb ₃ (Al, Ge) Conductors Prepared by Diffusion Process", IEEE Transactions on Applied Superconductivity, Vol. 14, No. 2, pages 967-970, June 2004.
	AP	
	AQ	

EXAMINER

DATE CONSIDERED